

WE CLAIM:

1           1. An accessory mount for a firearm having a longitudinal barrel, a first  
2 support and a second support forwardly of said first support, the accessory mount  
3 comprising the combination of:

4                   a first longitudinal mount housing having a rear portion, said first  
5 housing positionable along the barrel with said rear portion of said first housing  
6 supported by the first support;

7                   a second longitudinal mount housing having a rear portion, said second  
8 housing positionable along the barrel with said rear portion of said second  
9 housing supported by the second support;

10                  longitudinal grooves in one of said first and second housings, and  
11 longitudinal flanges on the other of said first and second housings slidably  
12 received by said channels and transversely securing said first and second  
13 housings together; and

14                  at least one adjustable member carried by one of said first and second  
15 housings and cooperating with the other of said first and second housings for  
16 urging said first and second housings in longitudinally opposite directions.

1           2. The accessory mount according to Claim 1, wherein:  
2                 said at least one adjustable member rearwardly urges said rear portion of  
3                 said first housing against said first support and forwardly urges said rear portion  
4                 of said second housing against said second support.

1           3. The accessory mount according to Claim 1, the second support of the  
2     firearm including a transverse pin secured to the firearm above the barrel, wherein:  
3                 said rear portion of said second housing includes at least one transverse  
4                 opening for cooperating with the pin to support said rear portion of said second  
5                 housing.

1           4. The accessory mount according to Claim 1, the second support of the  
2     firearm including a transverse pin removably secured to the firearm above the barrel,  
3     wherein:  
4                 said rear portion of said second housing includes at least one transverse  
5                 aperture through which the pin is receivable for supporting said rear portion of  
6                 said second housing.

1           5. The accessory mount according to Claim 1, wherein:

2                       said first housing includes a front portion and said second housing

3 includes a front portion; and

4                       said at least one adjustable member is carried by said front portion of

5 said second housing for cooperating with said front portion of said first housing

6 to rearwardly urge said rear portion of said first housing against said first

7 support and to forwardly urge said rear portion of said second housing against

8 said second support.

1           6. The accessory mount according to Claim 1, wherein:

2                       at least one of said first and second housings includes a rail structure for

3 mounting a firearm accessory thereto.

1           7. An accessory mount for a firearm having a longitudinal barrel, a first  
2 support and a second support forwardly of said first support, the accessory mount  
3 comprising the combination of:

4                 a first longitudinal mount housing having a rear portion, said first  
5 housing positionable along the barrel with said rear portion of said first housing  
6 supported by the first support;

7                 a second longitudinal mount housing having a front end, said second  
8 housing positionable along the barrel for being supported by the second support  
9 rearwardly of said front end;

10                longitudinal grooves in one of said first and second housings, and  
11 longitudinal flanges on the other of said first and second housings slidably  
12 received by said channels and transversely securing said first and second  
13 housings together; and

14                at least one adjustable member carried by one of said first and second  
15 housings and cooperating with the other of said first and second housings for  
16 urging said first and second housings in longitudinally opposite directions.

1           8. The accessory mount according to Claim 7, the second support of the  
2 firearm including a transverse pin secured to the firearm, wherein:

3                   said second housing includes at least one transverse opening for  
4 cooperating with the pin to support said second housing.

1           9. The accessory mount according to Claim 7, the second support of the  
2 firearm comprising a transverse pin removably secured to the firearm, wherein:

3                   said second housing includes at least one transverse aperture through  
4 which the pin is receivable for pivotally supporting said second housing.

1           10. The accessory mount according to Claim 7, wherein:

2                   said second housing includes a rear portion for being supported by the  
3 second support when said second housing is positioned along the barrel.

1           11. The accessory mount according to Claim 10, wherein:

2                   said at least one adjustable member rearwardly urges said rear portion of  
3 said first housing against said first support and forwardly urges said rear portion  
4 of said second housing against said second support.

1           12. The accessory mount according to Claim 7, wherein:

2                   at least one of said first and second housings includes a rail structure for  
3 mounting a firearm accessory thereto.

1           13. An accessory mount for a firearm having a longitudinal barrel, a first  
2 support and a second support forwardly of the first support and above the barrel, the  
3 accessory mount comprising the combination of:

4                   a first semicylindrical mount housing having a rear portion, two  
5 longitudinal edges, and longitudinal channels adjacent to said edges respectively,  
6 said first housing positionable along the barrel with said rear portion of said first  
7 housing supported by the first support;

8                   a second semicylindrical mount housing having a rear portion and  
9 longitudinal flanges, said flanges slidably received by said channels, said second  
10 housing positionable along said barrel for securing said rear portion of said  
11 second housing to the second support; and

12                  at least one longitudinally adjustable member carried by one of said first  
13 housing and said second housing for urging said first housing and said second  
14 housing in longitudinally opposite directions.

1        14. The accessory mount according to Claim 13, wherein:

2                said at least one adjustable member rearwardly urges said rear portion of  
3        said first housing against said first support and forwardly urges said rear portion  
4        of said second housing against said second support.

1        15. The accessory mount according to Claim 13, wherein:

2                said first housing includes a front portion and said second housing  
3        includes a front portion; and

4                said at least one longitudinally adjustable member is carried by said front  
5        portion of said second housing for cooperating with said front portion of said  
6        first housing for rearwardly urging said rear portion of said first housing against  
7        the first support and forwardly urging said rear portion of said second housing  
8        against said second support.

1        16. The accessory mount according to Claim 13, wherein:

2                at least one of said first housing and said second housing includes a rail  
3        structure for mounting a firearm accessory thereto.

1        17. Firearm and accessory mount apparatus, comprising in combination:  
2                a firearm including a longitudinal barrel, a first support and a second  
3        support forwardly of said first support;  
4                a first longitudinal mount housing having a rear portion, said first  
5        housing positioned along said barrel with said rear portion of said first housing  
6        supported by said rear support;  
7                a second longitudinal mount housing having a rear portion, said second  
8        housing positioned along the barrel with said rear portion of said second housing  
9        supported by said second support;  
10               longitudinal channels in one of said first and second housings, and  
11               longitudinal flanges on the other of said first and second housings slidably  
12               received by said channels and transversely securing said first and second  
13               housings together; and  
14               at least one adjustable member carried by one of said first and second  
15               housings and cooperating with the other of said first and second housings for  
16               urging said first and second housings in longitudinally opposite directions.



1        18. The apparatus according to Claim 17, wherein:

2                said rear portion of said second housing is pivotally secured to said  
3        second support about a transverse axis.

1        19. The apparatus according to Claim 17, wherein:

2                said at least one adjustable member longitudinally urges said rear portion  
3        of said first housing against said first support and longitudinally urges said rear  
4        portion of said second housing against said second support.

1        20. The apparatus according to Claim 17, wherein:

2                said second support of said firearm is situated above said barrel.

1        21. The apparatus according to Claim 17, wherein:

2                at least one of said first and second housings includes a rail structure for  
3        mounting a firearm accessory thereto.

1        22. Firearm and accessory mount apparatus, comprising in combination:  
2                a firearm including a longitudinal barrel, a first support and a second  
3        support forwardly of said first support;  
4                a first longitudinal mount housing having a rear portion, said first  
5        housing positioned along said barrel with said rear portion of said first housing  
6        supported by said rear support;  
7                a second longitudinal mount housing having a front end, said second  
8        housing positioned along the barrel and supported by said second support  
9        rearwardly of said front end;  
10              longitudinal channels in one of said first and second housings, and  
11              longitudinal flanges on the other of said first and second housings slidably  
12              received by said channels and transversely securing said first and second  
13              housings together; and  
14              at least one adjustable member carried by one of said first and second  
15              housings and cooperating with the other of said first and second housings for  
16              urging said first and second housings in longitudinally opposite directions.

1       23. The apparatus according to Claim 22, wherein:  
2               said second housing is pivotally supported by said second support about a  
3       transverse axis.

1       24. The apparatus according to Claim 23, wherein:  
2               said at least one adjustable member rearwardly urges said first housing  
3       against said first support and forwardly urges said second housing against said  
4       second support.

1       25. The apparatus according to Claim 22, wherein:  
2               said second support of said firearm is situated above said barrel.

1       26. The apparatus according to Claim 22, wherein:  
2               said second housing includes a rear portion supported by said second  
3       support.

1       27. The apparatus according to Claim 26, wherein:  
2               said at least one adjustable member longitudinally urges said rear portion  
3       of said first housing against said first support and longitudinally urges said rear  
4       portion of said second housing against said second support.

1       28. The apparatus according to Claim 22, wherein:  
2               at least one of said first and second housings includes a rail structure for  
3       mounting a firearm accessory thereto.

1           29. A method of installing an accessory mount to a firearm, comprising the steps  
2    of:  
3                 providing a firearm having a longitudinal barrel, a first support and a  
4    second support forwardly of said first support;  
5                 providing a first longitudinal mount housing having a rear portion and a  
6    second longitudinal mount housing having a rear portion, one of said first and  
7    second housings including longitudinal channels and the other of said first and  
8    second housings including longitudinal flanges;  
9                 positioning said first housing along said barrel with said rear portion of  
10   said first housing supported by said first support;  
11                placing said second housing to said first housing with said flanges  
12   slidably received by said channels and with said rear portion of said second  
13   housing supported by said second support; and  
14                urging said first and second housings in longitudinally opposite  
15   directions.

1       30. The method according to Claim 29, wherein:  
2               during the firearm providing step, said second support is situated above  
3       said barrel.

1       31. The method according to Claim 30, wherein:  
2               during the urging step, rearwardly urging said rear portion of said first  
3       housing against said first support and forwardly urging said rear portion of said  
4       second housing against said second support.

1       32. The method according to Claim 29, wherein:  
2               during the placing step, pivotally securing said rear portion of said  
3       second housing to said second support.

1       33. The method according to Claim 29, wherein:  
2               during the urging step, rearwardly urging said rear portion of said first  
3       housing against said first support.

4       34. The method according to Claim 29, wherein:  
5               during the urging step, rearwardly urging said rear portion of said  
6       second housing against said second support.

1           35. A method of installing an accessory mount to a firearm, comprising the steps  
2    of:  
3           providing a firearm having a longitudinal barrel, a first support and a  
4    second support forwardly of said first support;  
5           providing a first mount housing having a rear portion and a second  
6    mount housing having a front end, one of said first and second housings  
7    including longitudinal channels and the other of said first and second housings  
8    including longitudinal flanges;  
9           positioning said first housing along said barrel with said rear portion of  
10   said first housing supported by said first support;  
11          placing said second housing to said first housing with said flanges  
12   slidably received by said channels and with said second housing supported by  
13   said second support rearwardly of said front end; and  
14          urging said first and second housings in longitudinally opposite  
15   directions.

1        36. The method according to Claim 35, wherein:

2                during the firearm providing step, said second support is situated above  
3        said barrel.

1        37. The method according to Claim 35, wherein:

2                during the urging step, said first housing is rearwardly urged against said  
3        first support and said second housing is forwardly urged against said second  
4        support.

1        38. A method of installing an accessory mount to a firearm, comprising the steps  
2    of:  
3                providing a firearm having a longitudinal barrel, a first support and a  
4    second support forwardly of said first support;  
5                providing a first longitudinal mount housing having a rear portion and a  
6    second longitudinal mount housing having a rear portion, one of said first and  
7    second housings including longitudinal channels and the other of said first and  
8    second housings including longitudinal flanges;  
9                placing said second housing to said first housing with said flanges  
10    slidably received by said channels;  
11                positioning said first and second housings along said barrel with said rear  
12    portion of said first housing supported by said first support and with said rear  
13    portion of said second housing supported by said second support; and  
14                urging said first and second housings in longitudinally opposite  
15    directions.



1        39. The method according to Claim 38, wherein:  
2                during the firearm providing step, said second support is situated above  
3        said barrel.

1        40. The method according to Claim 39, wherein:  
2                during the urging step, rearwardly urging said rear portion of said first  
3        housing against said first support and forwardly urging said rear portion of said  
4        second housing against said second support.

1        41. The method according to Claim 38, wherein:  
2                during the placing step, pivotally securing said rear portion of said  
3        second housing to said second support.

1        42. The method according to Claim 38, wherein:  
2                during the urging step, rearwardly urging said rear portion of said first  
3        housing against said first support.

4        43. The method according to Claim 38, wherein:  
5                during the urging step, rearwardly urging said rear portion of said  
6        second housing against said second support.

1           44. A method of installing an accessory mount to a firearm, comprising the steps  
2    of:  
3           providing a firearm having a longitudinal barrel, a first support and a  
4    second support forwardly of said first support;  
5           providing a first mount housing having a rear portion and a second  
6    mount housing having a front end, one of said first and second housings  
7    including longitudinal channels and the other of said first and second housings  
8    including longitudinal flanges;  
9           placing said second housing to said first housing with said flanges  
10   slidably received by said channels;  
11          positioning said first and second housings along said barrel with said rear  
12   portion of said first housing supported by said first support and with said second  
13   housing supported by said second support rearwardly of said front end; and  
14          urging said first and second housings in longitudinally opposite  
15   directions.

1        45. The method according to Claim 44, wherein:

2                during the firearm providing step, said second support is situated above  
3        said barrel.

4        46. The method according to Claim 44, wherein:

5                during the urging step, said first housing is rearwardly urged against said  
6        first support and said second housing is forwardly urged against said second  
7        support.